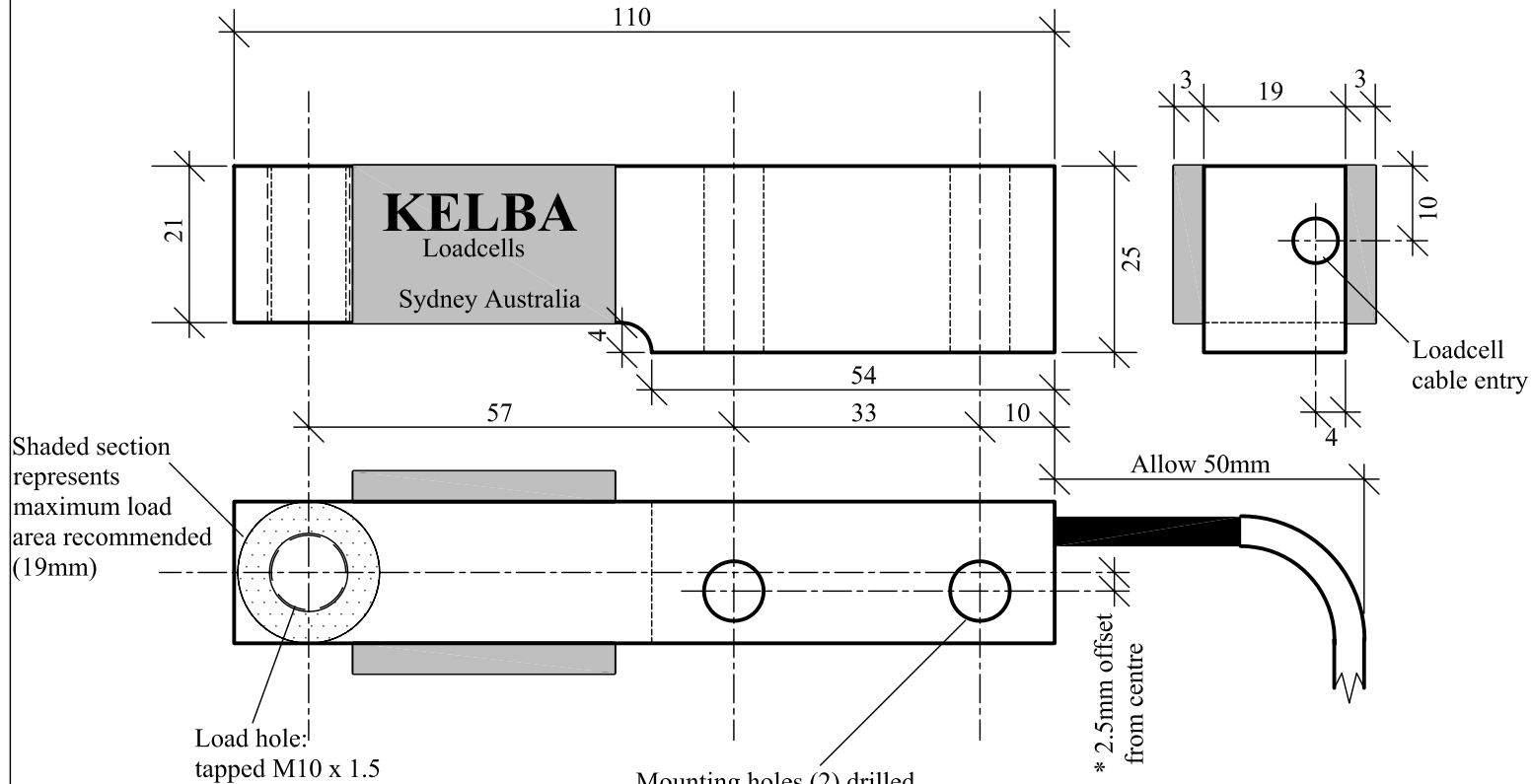


Kelba Shearbeam Loadcell Model: KA-125N



Shaded section represents maximum load area recommended (19mm)

Load hole: tapped M10 x 1.5

Mounting holes (2) drilled M8 clearance - bolts to be 8.8 grade (min) hi-tensile socket head cap screw or hex. head bolt.
Bolt length: Sufficient to ensure a min. of 1.25 x bolt diameter into mounting base plate

Bolt Torque: 22 Nm
16.2 ft lb
(M8 x 1.25 CLASS 8.8 Grade to AS1110)

* NOTE: mounting hole centre line is offset 2.5mm from loadcell centre line

Mounting Accessories

- Rubber Mount - see drg K-043-1
- Load button - see drg KLBM 10

General Specifications

Rated Capacity: 125kg
Safe Load Limit: 187.5kg (static)

Construction: Tool steel
Protection: Electroless Nickel
Cell Weight: 0.4kg

Electrical

Excitation Voltage: 5 - 15 V.D.C.
Output at rated: 2.2mv/V +/- 0.5% capacity

Cable length: 6000mm (std)
Input impedance: 380 ohm +/- 6% (black to red)
Output impedance: 350ohm +/- 0.2% (green to white)

Environmental Rating: IP67

* NOTE: Classified by Londonderry Occupational Safety Centre as a "Simple Device" and therefore suitable for hazardous and explosive dust environments subject to installation in compliance with the relevant Australian Standards.

Wiring colour code

Excitation + Red
Excitation - Black
Signal + Green
Signal - White
Shield Bare

Kelba (Australia) Pty Ltd					
Reference		KA-125-N SHEARBEAM LOADCELL			
Date	14-11-06				
Mod by	M.Rodrick				
Approved		Drg No.	KA125-N-1	Rev	2
Scale	NTS			Date	14-11-06